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ANNEX I

POSTPONEMENT ANNOUNCEMENT

Launching of SAMOS _____ was (postponed) (cancelled) today (for technical reasons) (because of unfavorable weather conditions). Launch preparations are expected to be resumed as soon as (the readiness of the vehicle permits) (weather conditions permit).

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ANNEX I

FOR RELEASE IMMEDIATELY AFTER SUCCESSFUL LAUNCH

SAMOS _____ was successfully launched by the Air Force
at _____ today. The vehicle consists of the ATLAS inter-
continental ballistic missile as the booster, or first stage, and
AGENA, a liquid fuel upper stage incorporating the Bell rocket
engine. Today's launch is the second of a series that will continue
the research and development phase of the system.

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ANNEX I

FOR RELEASE IMMEDIATELY AFTER UNSUCCESSFUL LAUNCH

SAMOS _____ (exploded on the pad) (exploded shortly after lift-off) (was destroyed by the range safety officer after it veered off course) today at _____. The flight was scheduled as a part of the research and development phase of the system.

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ANNEX I

FOR RELEASE IMMEDIATELY AFTER DETERMINATION THAT
SECOND STAGE SEPARATION AND/OR IGNITION FAILED

Telemetry reports indicated that (the first and second stages of the SAMOS _____ satellite vehicle failed to separate) (the second stage of the SAMOS _____ vehicle failed to ignite). The vehicle burned up upon re-entry approximately _____ miles down range. The flight was scheduled as a part of the research and development phase of the system.

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ANNEX I

FOR RELEASE ON SUCCESSFUL FIRING OF SECOND STAGE

Preliminary telemetry reports indicate that the second stage
of the Air Force SAMOS _____ satellite vehicle was fired.

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ANNEX V

TO BE ISSUED AT T-1 DAY

HOLD FOR RELEASE UNTIL LAUNCH

1. The Department of the Air Force today conducted the second of a series of experimental launchings of the SAMOS satellite. This series will continue over the period required for SAMOS research and development. Today's launching, which took place from the Naval Missile Facility, Point Arguello, California, was conducted by the Air Research and Development Command.

2. The SAMOS satellite is part of a research and development program looking toward improved capabilities for making observations of the earth.

3. The SAMOS program is in an early research and development stage and an evaluation of the capabilities of SAMOS is not expected to be accomplished for some time.

4. A Fact Sheet respecting the SAMOS program is attached.

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HOLD FOR RELEASE UNTIL LAUNCH

SAMOS II FACT SHEET

I. GENERAL INFORMATION

Project SAMOS is a research and development program to determine the capabilities for making observations of the earth from satellites.

The program is under the executive management of the Secretary of the Air Force.

II. TEST OBJECTIVE

SAMOS II was launched into the Pacific Missile Range from an Air Force launch pad at the Naval Missile Facility, Point Arguello, California, to place the vehicle in a near circular polar orbit. The purpose of the research and development SAMOS flights is component testing bearing on the engineering feasibility of obtaining an observation capability from an orbiting satellite.

III. CONFIGURATION

SAMOS employs the AGENA as its second stage. It is boosted out of the atmosphere by a modified Air Force ATLAS, and placed into orbit by the AGENA.

First Stage

Booster: An Air Force ATLAS modified for the SAMOS II.

Height: Approximately 77 feet. (With adapter section).

Launch Weight: Approximately 262,000 pounds.

Propulsion: Rocketdyne liquid propellant engine. 356,000 pounds thrust.

Guidance and Control: The ATLAS booster is equipped with the GE/Burroughs radio command guidance system. The guidance system can detect position and rate, compare this information with the predetermined projectory data and command flight correction.

Satellite Vehicle

The entire Lockheed AGENA second stage becomes the orbiting satellite vehicle.

Height: About 22 feet.

Weight: Approximately 11,000 pounds at launch. Orbital weight after fuel exhaustion will be approximately 4,100 pounds.

Propulsion: Following coast period after ATLAS Burnout, a Bell liquid fuel rocket engine, developing 15,000 pounds of thrust, will propel the second stage into orbit.

Instrument Package: Test photographic and related equipment.

IV. TRACKING, TELEMETRY AND COMMAND

- a. Primary tracking, telemetry and command during orbit will be performed by:

Vandenberg Tracking Station, Vandenberg AFB, California

Hawaiian Tracking Station, Kaena, Oahu, Hawaii

Kodiak Tracking Station, Kodiak, Alaska

- b. Ascent Guidance (booster)

GE MOD II, Vandenberg AFB, California

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c. Ascent Tracking and Telemetry

Vandenberg Tracking Station. Vandenberg, California

d. Downrange Telemetry and Tracking Ship

Pvt. Joe E. Mann

e. Ascent Radar and/or Optical Tracking (PMR)

Point Arguello, California

Point Mugu, California

St. Nicholas Island, California

f. USAF Satellite Test Center, Sunnyvale, California

(Control Center receiving all orbital data and exercising
command control of SAMOS)

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ANNEX I

FOR RELEASE AT APPROXIMATELY T PLUS TWO HOURS

(a) The SAMOS II satellite launched _____ weighing _____ approximately two tons has gone into orbit according to reports received from tracking stations. The period of orbit is approximately _____. The maximum altitude of orbit is approximately _____ miles and the minimum altitude is _____.

(b) The SAMOS II satellite launched _____ weighing _____ approximately two tons failed to go into orbit according to reports received from tracking stations.

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